ANNUAL REPORT

OF THE

RECEIPTS AND EXPENDITURES,

AND

Reports of the Various Departments

OF THE

TOWN OF BILLERICA,

FOR THE

YEAR ENDING FEBRUARY 28, 1890.

LOWELL, MASS.:
PRESS OF BUTTERFIELD PRINTING & BINDING CO.
1890.

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STATEMENT.

FEBRUARY 28, 1890.

Appropriation for 1889,	$4,000.00
State School Fund,	166.91
Balance due Schools,	1,088.83
	$5,255.74
School expenses,	5,146.77
Due Schools,	$108.97

SCHOOL EXPENSES.

TEACHERS' SALARIES.

Paid F. G. Flanders,	teaching school,	$381.60
M. A. Knowles,	"	377.60
A. J. Page,	"	337.60
C. E. Handley,	"	281.60
E. Byrnes,	"	284.80
M. H. Sage,	"	318.60
W. L. Evans,	"	456.00
M. N. Smith,	"	240.00
J. E. Reed,	"	288.00
M. E. F. Shea,	"	432.00
M. C. Lynde,	"	432.00
A. F. Lynde,	"	204.00

Paid Angie Cann,	" . . .	$ 45.00
L. E. Dane,	" . . .	60.00
Hattie Lund,	" . . .	96.00
Grace Knowles,	" . . .	96.00
Town of Burlington, tuition for school children,		35.00
		$4,365.80

EXPENSES FOR FUEL.

Paid J. C. Parker, wood, ...	$182.63
P. B. Bohonon, "	6.50
W. H. Patten, "	7.50
A. Stearns & Son, wood, ...	99.00
M. P. Greenwood, "	51.00
W. H. Marston, sawing, splitting and housing wood, ...	15.50
J. Pasho, wood, sawing, splitting and housing wood, ...	10.75
	$372.88

CARE OF BUILDINGS.

Paid Mrs. Monty, care and cleaning, . . .	$37.00
F. A. Dutton, care of school-house, . . .	12.50
Lillian E. Hannaford, care of school-house, .	5.00
Grace E. Nickles, ...	7.00
A. W. Marston, care of school-house, . . .	17.00
Charlie Miller, care of school-house etc., . .	6.00
Hans Stahle, care of school-house, . . .	9.00
M. Bowers, cleaning, ...	3.00
W. I. Pasho, care of school-house, . . .	14.50
Mrs. Deegan, cleaning, ...	1.25
Eddie Costello, care of school-house, . .	30.00
W. Costello, care of school-house, . . .	10.00
John Hoare, care of school-house, . . .	35.00
William Hoare, care of school-house, . .	15.00
	$202.25

SCHOOL COMMITTEE.

Paid J. S. Holt, services as School Committee, . .	$85.00
Taking census of school children in part, ...	7.00
G. P. Greenwood, services as School Committee,	75.00
Taking census of school children in part, ...	5.00
Writing school report and making return to State Board of Education,	25.00
C. H. Kohlrausch, Jr., services as school committee, ...	80.00
Writing school report and making return to State Board of Education,	25.00
	$302.00

REPAIRS ON SCHOOL BUILDINGS.

Paid G. H. Hall, repairs on school-houses, . .	$26.75
I. R. Stackpole, repairs on school-houses, .	29.02
H. C. Brown, cleaning stove pipes, . . .	6.25
B. F. Crosby, repairs, ...	10.75
L. Cole, repairs on stoves, etc., ...	4.25
N. F. Bruce, repairs and expressing, . .	2.50
C. N. Rice, locks, ...	.50
J. P. Stewart, repairing stove, ...	1.25
Waldo Hannaford, repairs, ...	11.00
B. Pasho, setting glass, ...	.50
	$92.77

SCHOOL SUPPLIES.

Paid J. F. Bruce, brooms, ...	$ .70
Hutchins & Wilson, brooms, ...	2.10
C. W. Flanders, Clocks, ...	5.00
H. C. Brown, brooms and dippers, . . .	.80
H. C. Brown, stoves and zinc, ...	65.85

Paid C. E. Handley, supplies,	$ .35
E. H. Butler & Co., outline maps,	26.67
W. T. Bradley, tables,	3.50
G. P. Greenwood, supplies,	1.00
W. T. Bradley, chairs, etc.,	4.00
H. C. Brown, express, etc.,	1.26
J. E. Reed, outline maps, etc.,	2.10
Silver, Burdett & Co., music charts, etc.,	92.51
	$205.84

MUSIC.

Appropriation,	$300.00
Paid J Avison Baker, teacher of music,	300.00

SCHOOL BOOKS.

Appropriation,	$400.00
Paid F. A. Morey, schools books,	467.84
Overdrawn,	67.84

TALBOT SCHOOL.

Appropriation,	$2,500.00
Paid Warren Floyd, for plans, specifications, details and building superintendence for addition to Talbot School building,	112.43
D. W. Fitch, labor,	2,244.80
D. Cushing & Co., letters and chimney caps,	31.50
F. Taylor & Co., hardware,	18.96
Andrews & Co., desks,	155.00
	$2562.69
Overdrawn,	$62.69

REPAIRS ON BRIDGES.

Paid S. Hagerman, work on No. Billerica bridges,	$158.54
E. A. Grimes, work on bridge,	2.00
A. L. Brooks, lumber,	58.24
Howe Bros. & Co., Lumber,	11.32
F. A. Morey, spikes,	5.24
S. Hagerman, work on iron bridge,	15.38
	$250.72

GRAVEL.

Paid Joel Baldwin, gravel,	$3.00
	$3.00

HIGHWAY EXPENSES.

March, 1889.

Paid G. E. Stearns, 1½ days work,	$2.62	
F. A. Morey, grain bills,	4.28	
Thomas Simonds, breaking roads,	12.90	
Wm. Merriam, gravel,	8.00	
G. F. Harrington, teamster,	35.00	
Chas. Morris, 1 day's work,	1.50	
A. O. Dane, Superintendent,	50.00	
		$114.30

April.

Paid E. Baker, man, 2 days,	$3.50	
G. F. Harrington, teamster,	35.00	
E. L. Woolley, teamster,	35.00	
G. E. Stearns, 21½ days work,	37.63	
P. W. Tully, 20½ days work,	35.88	
John Stahle, 21½ days work,	37.63	
H. A. King, Superintendent,	50.00	
Holt & Roberts, grain and hay,	13.79	
J. F. Bruce, stable supplies,	1.15	
F. A. Morey, grain,	21.48	
		$271.06

MAY.

Paid H. A. King, Superintendent,		$50.00	
G. F. Harrington, teamster,		35.00	
E. L. Woolley, teamster,		35.00	
G. E. Stearns, 23 days work,		40.25	
G. E. Stearns, 1 shovel,		.85	
P. W. Tully, 23 days work,		40.25	
John Stahle, 23 days work,		40.25	
F. A. Morey, grain,		18.19	
Holt Roberts, hay,		3.88	
Mrs. C. S. Brown, hay,		19.60	
Fred'k Taylor Co., shovels,		4.31	
Jos. Emerson, 2 days work,		3.00	
Coburn S. Smith, ½ days work,		1.00	
			$291.58

JUNE.

Paid G. F. Harrington, teamster,		$35.00	
E. L. Woolley, teamster,		35.00	
H. A. King, Superintendent,		48.00	
H. A. King, express,		.25	
John Stahle, 23 days work,		40.25	
G. E. Stearns, 22½ days work,		39.38	
P. W. Tully, 22½ days work,		39.38	
Jos. Emerson, 2 days work,		3.00	
F. A. Morey, grain,		17.95	
C. W. Lynde, repairs and shoeing,		16.68	
W. H. Sexton, repairs and shoeing,		26.05	
J. F. Bruce, supplies,		4.15	
T. E. Perkins, hay,		44.65	
			$349.74

JULY.

E. L. Woolley, teamster,	$35.00	
G. F. Harrington, teamster,	35.00	
G. F. Harrington, 1 set of fly nets,	5.00	
H. A. King, Superintendent,	50.00	
H. A. King, paid for weighing,	2.16	

Paid G. E. Stearns, 20½ days work, . .	$35.88	
John Stahle, 19½ days work, . .	34.13	
P. W. Tully, 18½ days work, . .	32.38	
Jos. Emerson, cutting brush, . .	14.25	
Coburn S. Smith, hay, . . .	17.37	
Mrs. A. S. Whiting, grass, . .	115.42	
F. A. Morey, grain, ...	23.18	
A. Stearns & Son, man and team 5 days, ...	22.50	
Holt & Roberts, grain, . . .	2.10	
Dr. W. A. Sherman veterinary, . .	6.00	
		$430.37

AUGUST.

Paid F. A. Morey, grain and paint, . .	$28.96	
J. F. Bruce, straw and tools, . .	6.86	
H. A. King, superintendent, . .	50.00	
G. F. Harrington, teamster, . .	35.00	
E. L. Woolley, teamster, . . .	35.00	
G. E. Stearns, 22½ days work, . .	39.38	
P. W. Tully, 23 days work, . ..	40.25	
John Stahle, 22½ days work, . .	39.38	
Jos. Wilson, 6 days work, . .	10.50	
Jos. Emerson, 8⅓ days work, . .	12.50	
A. Stearns & Son, horse $1.25, team $2.00, ...	3.25	
		$301.08

SEPTEMBER.

Paid H. A. King. superintendent, $49.00, express 20 cents.	$49.20	
G. F. Harrington, teamster, $35.00, soap $1.00, ...	36.00	
E. L. Woolley, teamster, . . .	35.00	
G E. Stearns, 18½ days work, . .	32.38	
John Stahle, 18½ days work, . .	32.38	
P. W. Tulley, 18½ days work, . .	32.38	

Paid Jos. Wilson, 12 days work,		$21.00	
F. A. Morey, grain,		25.48	
J. F. Bruce, lantern,		.55	
C. W. Lund, shoeing and repairing,		10.70	
W. H. Sexton, shoeing and repairing,		14.81	
E. A. Grimes, self and man 4 days,		20.00	
H. F. Ebert, repairs on collar,		2.50	
Jackson Wright, repairs on tools,		1.70	
C. A. Monty, repairs on harness,		1.75	
A. Stearns & Son, team,		1.00	
			$316.83

OCTOBER.

Paid C. A. Holt, grain,		$ 7.70	
H. A. King, Superintendent,	$49.00,		
express, 10 cents.		49.10	
G. F. Harrington, teamster,		35.00	
E. L. Wooley, teamster,		35.00	
P. W. Tully, 24 days work,		42.00	
G. E. Stearns, 25 days work,		43.75	
Coburn S. Smith, 18 days work,		36.00	
John Stahle, 25 days work,		43.75	
Jos. Wilson, 23½ days work,		41.13	
Jos. Emerson, 7 days work,		10.50	
A. Pasho, cutting brush,		3.90	
John Murphy, 3½ days work,		6.13	
E. A. Grimes, self 8 days,	$24.00		
one man 8½ days,	17.00		
one man 7 days,	12.25		
one man 3 days,	5.25	58.50	
F. A. Morey, grain,		13.88	
J. F. Bruce, straw and tools,		7.47	
A. N. Peabody, 1 days work,		1.75	
Morris Dow, 2 days work,		3.50	
Henry George, 2 days work,		3.50	
			$442.56

NOVEMBER.

Paid S. L. Butman, blankets,	$ 8.50	
J. F. Bruce, wire and supplies,	3.15	
John Murphy, 14 days work,	21.00	
Maurice Dow, 3 " "	4.50	
Henry George, 13½ " "	20.25	
Coburn S. Smith, 11½ days work,	23.00	
Jos. Wilson, 19 " "	28.50	
John Stahle, 23 " "	34.50	
P. W. Tulley, 23 " "	34.50	
E. L. Woolley, teamster,	35.00	
G. F. Harrington, teamster,	35.00	
H. A. King, Superintendent,	48.00	
H. A. King, express, telegraph and freight,	1.23	
E. A. Grimes, 6 days work, $18.00		
one man, 6 " " 12.00		
one man, 6 " " 10.50		
one man, 5 " " 8.75		
Tools, .50	49.75	
E. Stearns, 22½ days work,	33.75	
C. A. Holt, grain,	23.03	
S. E. Cann, culvert stones,	3.00	
A. L. Brooks & Co., lumber,	30.97	
		$437.63

DECEMBER.

Paid Coburn S. Smith, 2 days work,	$ 4.00	
C. S. Smith, 18½ days work with man and team,	74.00	
Geo. F. Colson, man and team 15 days,	60.00	
E. Baker, 1 days work $2, posts $10.20,	12.20	
Harry Lea, 1 days work,	2.00	
Jos. Emerson, 1 " "	1.50	
P. W. Tulley, 22½ " "	33.75	
John Stahle, 20½ " "	30.75	

Paid Jos. Wilson, 8½ days work,	$12.75	
H. A. King, Superintendent,	49.50	
E. L. Woolley, teamster,	35.00	
G. F. Harrington, teamster,	35.00	
C. A. Holt & Co., grain,	19.45	
F. W. Wells, shoeing and repairing,	16.79	
W. S. Gleason, gravel,	8.00	
G. E. Stearns, 22 days work,	33.00	
F. A. Morey, grain and tools,	7.58	
		$435.27

JANUARY, 1890.

Paid Fred'k Taylor Co., wire,	$5.38	
J. F. Bruce, straw and supplies,	5.15	
J. P. Stewart, blacksmithing,	1.09	
H. A. King, Superintendent, 46.00, car fare, .30,	46.30	
G. F. Harrington, teamster,	35.00	
E. L. Woolley, teamster,	35.00	
G. E. Stearns, 20½ days work,	30.75	
John Stahle, 19½ " "	29.25	
P. W. Tully, 20½ " "	30.75	
Daniel Callahan, 11 " "	16.50	
Coburn S. Smith, 2 " " $4 00 man and team 1 " " 400	8.00	
C. A. Holt, grain,	21.34	
W. H. Sexton, shoeing and repairs,	17.15	
E. W. Livingston, breaking road 1888,	6.30	
		$287.96

FEBRUARY, 1890.

Paid Town Farm, loam,	$6.75
A. Stearns, teams,	4.00
Dudley Foster, gravel,	13.10
E. L. Woolley, teamster,	35.00
John Stahle,	27.00

Paid G. F. Harrington, teamster,	$35.00	
P. W. Tully,	27.00	
G. E. Stearns,	28.50	
H. A. King,	40.70	
C. A. Holt, grain and straw,	16.45	
W. H. Sexton, shoeing and repairs,	12.48	
F. W. Wells, " " "	7.60	
J. F. Bruce, grain,	3.32	
Harry Lea, work,	5.20	
		$262.10

PAID BY SELECTMEN.

Paid A. O. Dane, horse trade,	$125.00	
M. Hayes, work,	1.40	
O. Murningham, work, man and team,	6.00	
		$132.40
Total amount expended,		$4,072.88

NEW ROAD.

Appropriation,		$1,200.00

ITEMS OF EXPENDITURES.

E. A. Grimes, with men,	$108.25
S. E. Cann, stone,	3.00
A. L. Brooks & Co., lumber,	30.97
C. S. Smith, work,	59.00
Henry George, "	23.75
Maurice Dow, "	8.00
John Murphy, "	27.13
Jos. Wilson, "	47.38
John Stahle, "	83.50
G. E. Stearns, "	84.38
P. W. Tully, "	83.50
H. A. King, "	85.00

Paid A. N. Peabody, work,	$ 1.75	
Town teams and teamsters,	261.63	
Frederick Taylor Co., wire,	5.38	
J. F. Bruce, wire,	1.80	
		$914.42
Balance unexpended,		$285.58

SIDEWALKS.

Appropriation,	$200.00	
Work for H. A. King,	7.63	
		$207.63
Paid for loam,	6.75	
Work on Talbot sidewalk,	22.88	
Work on H. A. King's sidewalk,	15.25	
		$44.88
Balance unexpended,		$162.75

SUMMARY.

Dr.

Balance March 1, 1889,	$ 49.36	
Appropriation,	3,000.00	
Work on Billerica Street,	152.50	
For J. O. Richardson,	25.00	
On sidewalks,	44.88	
For E. Baker,	7.25	
For A. Stearns,	4.00	
On new road,	914.42	
		$4,197.41

Cr.

Total expenditure as above,	$4,072.88
Balance due highway,	$124.53

We have examined the foregoing account, and find it correct.

SAMUEL TUCKER,
W. WAYLAND WILSON, } *Auditors.*
GEORGE H. HALL.

Average cost of man and team for each day of actual work, $2.79
Average cost of labor to stone one rod, $5.09.
Average cost of labor to gravel one rod, $1.67.

From the following statement it will be seen where the highway appropriation has been spent:—

Near Holden's store, stoned and graveled 280 feet long, 22 feet wide.

Graveled on Andover St., from guide-board to R. K. Underhills, 800 feet long, 12 feet wide.

Graveled near Calson place, 350 feet long, 10 feet wide.

Stoned and graveled on Lowell Street, 180 feet long, 14 feet wide.

Widened road near Conley's, three and one-half days work.

Graveled, Ham's to Smith's, 1200 feet long, 11 feet wide.

Laid over culvert, near Stock Farm.

Graveled near Stock farm, 537 feet long, 10 feet wide.

Stoned near William Merriam's, 194 feet long, 12 feet wide.

Graveled near Hosmer place, 252 feet long, 11 feet wide.

Graveled near J. A. Richardson's, 260 feet long, 11 feet wide.

Graveled near Henry Duren's, 875 feet long, 10 feet wide.

Graveled beyond Frank Bowman place, 257 feet long, 11 feet wide.

Worked two days making bars, at South Billerica.

Graveled near railroad bridge at North Billerica, 345 feet long, 12 feet wide.

Graveled east part of Lowell road, 970 feet long, 7 feet wide, Pallenville road, 250 feet long, 7 feet wide.

Stoned near Leonard Place, 550 feet long, 10 feet wide.

Graveled Wilmington road, beyond Cook place, 900 feet long, 7 feet wide.

Worked four days on culverts at west side.
Stoned Heald's flat, 565 feet long, 14 feet wide.
Worked on Manning road one and one-half days.
Graveled near Newhall place, 520 feet long, 9 feet wide.
Worked two and one-half days on Rocky hill.
Laid over culvert, near Asa Holden place.
Graveled near Buckley place, 157 feet long, 10 feet wide.
Worked three days on Turnpike, near Keefe place.
Laid over culvert, near John Stearns place.
Graveled on Elm Street, 180 feet long, 10 feet wide.
Graveled road between Ham's and Conley's, 150 feet long, 8 feet wide.
Laid over culvert near John Crosby place.
Graveled main road, near Lowell Street, 257 feet long, 20 feet wide.
Laid over culvert near Henry McKee place.
Graveled Barrett's flat, 2,100 feet long, 21 feet wide.
Graveled main road at Chelmsford line, 350 feet long, 18 feet wide.
Graveled near Hannaford place, 115 feet long, 7 feet wide.
Graveled near Fisher place, 210 feet long, 7 feet wide.
Worked six days haying.

H. A. KING, *Superintendent of Highways.*

APPRAISAL OF TOWN TEAMS, ETC.

Four horses,	$800.00
Two carts,	210.00
Four harnesses	115.00
Two sleds,	45.00
Ten blankets,	15.00
Four halters and circingles,	5.00
Comb, brushes, etc.,	2.00
Road scraper,	150.00
Grain chest,	6.00
Hay and straw,	60.00
Stone tools,	6.00

Scythes and rakes,	$ 10.00
Screens,	5.00
Drag,	5.00
Two ploughs,	30.00
Shed and stalls,	150.00
Seven iron bars,	6.00
One hand scraper,	5.00
Hoes, picks and grabs,	12.00
Four fly nets,	7.00
Chains, hooks, etc.,	12.00
Ten shovels,	5.00
One axe	1.00
Lot grain,	6.00
Eight iron rakes,	1.50
One evener,	2.00
One roller,	80.00
One derrick,	25.00
Four feed baskets,	3.00
Four bells,	1.00
One hay rope,	.75
	$1,781.25

NEW ROADS.

BILLERICA STREET, NORTH BILLERICA.

Appropriation,	$300.00
Balance due,	297.62
	$597.62

Paid Amos Cray, land damages,					$25.00
James Whittemore, land damages,					25.00
C. S. Smith, 11½	days,	$2.50	per	day,	28.75
man, 1	"	1.50	"	"	1.50
James Stewart, 14	"	2.00	"	"	28.00
Edwin Manning, 8½	"	1.75	"	"	14.87
team 2	"	4.00	"	"	8.00
Wm. Wakely, 3½	"	1.50	"	"	5.25

Paid H. A. King and three men 5 days,	$ 36.25	
" two teams, $4 per day, for 5 days,	40.00	
J. C. Parker, teaming derrick,	2.00	
H. A. King, 5 days, $2.00 per day,	10.00	
John Stahle, 5 " 1.75 " "	8.75	
E. Stearns, 5 " 1.75 " "	8.75	
P. Tully, 5 " 1.75 " "	8.75	
C. Mahoney, 2½ " 1.50 " "	3.75	
A. Cowdrey, 2½ " 1.50 " "	3.75	
Two town teams 5 days, $8 per day,	40.00	
E. Manning, team 5 days, $4 per day,	20.00	
E. Stearns, team 2½ days, $4 per day,	10.00	
C. S. Smith, gravel,	15.00	
J. P. Stewart, labor,	6.65	
Roger Barrington, building fence,	21.60	
S. Hagerman, " "	169.05	
S. Hagerman, repairing old fence,	35.30	
		$575.97
Balance due,		$21.65

DECORATION DAY.

Appropriation,		$100.00
Paid for flowers,	$35.00	
For holders,	5.00	
French & Puffer,	3.65	
For oration,	10.00	
" repairing graves,	9.00	
" Teams,	12.50	
" incidentals,	3.00	
F. A. Morey,	7.00	
B. F. Crosby, for Hall and painting holders,	5.50	
A. W. Allen's band,	9.35	
		$100.00

COBURN S. SMITH,

Treasurer of Billerica Veteran Association.

MISCELLANEOUS.

Paid	E. W. Brown, work at south cemetery,	$ 10.00
	W. H. Sexton, repairing settees,	7.00
	L. J. Simpson, raising flag,	4.00
	H. P. Barker, painting bridge and hay scales,	16.00
	Walker & Co., atlas of Middlesex County,	15.00
	S. Hagerman, work at U. Hall,	420.22
	E. Preston, furnishing public watering place,	5.00
	J. E. Blodgett, care of town clock and hay scales,	25.00
	" repairing clock,	5.56
	E. F. Dickinson, distributing ballots,	1.50
	Marden & Rowell, printing town reports,	35.00
	R. H. Holden, putting lantern at bridge,	2.50
	Burdett & Williams, steel tape,	9.75
	I. W. Wheeler, & Co., ensign and canvass,	33.20
	Mrs. Potts, money due Mr. Potts for services as truant officer,	10.00
	E. Baker, perambulating town lines,	15.00
	G. F. Colson, " " "	15.00
	C. S. Smith, " " "	15.00
	W. H. Sexton, work on ballot box,	2.00
	H. P. Barker, stock and labor on U. Hall,	83.62
	E. K. Richardson, repairing culvert and watching fire,	3.00
	G. H. Hall, repairs on Higgins' place,	8.06
	W. B. Stearns, care of common, etc.,	30.00
	A. Stearns, services as constable,	45.00
	" return of deaths,	7.75
	J. F. Bruce, nails and lead,	.23
	Dr. Lane, return of births,	10.25
	E. A. Grimes, work on scales,	.40
	Hutchins & Wilson, rope, oil., etc., for U. Hall,	3.95
	" scale-book and lanterns,	2.65
	Prescott National Bank,	3,075.00
	P. McCarthy, work at U. Hall,	31.00
	Mrs. J. Perry, pails, brushes, etc.,	1.81

Paid Burnham, Forrest & Davis, shingles,	$ 39.38
G. H. Hall, work at U. Hall,	43.25
B. F. Crosby, repairing lamps and settees,	6.50
A. Benson, services on common,	1.00
Lowell Times, printing school reports,	19.00
Campbell & Hanscom, printing slips,	1.25
S. Hagerman, stalls and shed,	143.80
Marden & Rowell, printing,	11.00
F. A. Morey, screens, padlock, lead pencils,	.72
G. F. Colson, posts and rails,	5.50
Hagerman & Co., voting stalls,	36.00
G. F. Colson, paid work on Higgins' place,	14.50
" " watching forest fires,	5.50
" " work on well,	2.50
" " lettering lanterns,	1.50
S. Tucker, to cash paid in part part payment for copying Vols. I. and II. of the Billerica records,	70.00
S. Tucker, expense, stationery, express and binding Vol. I.,	12.60
C. P. Sawyer, services as collector 1887 and 1888,	424.00
G. E. Stearns, balance due as collector 1886,	12.11
	$4,799.56

ABATEMENT OF TAXES.

1886.

Paid George Kinniman,	$ 1.00
A. B. Wright,	2.50
Jane C. Short,	3.80
Heirs of J. Clifton,	2.50
George Chapman,	.30
Kendall J. Williamson,	9.25
George Kingman,	1.00
J. W. Bruce,	5.50
John Howe,	8.70
A. C. Wheelock (error),	23.68

Paid W. F. Ripley,	$ 15.50
Mark Wilson,	7.50
Heirs of Chas. Kittredge,	16.75
" " Geo. Merriam,	6.95
G. E. Stearns, as Collector,	59.00
	$163.93

ABATEMENTS FOR 1887.

Paid Bradley V. Bowers,	$6.00
Mrs. Mary L. Bryant, error,	1.50
Heirs of William F. Brady, error,	1.50
Henry F. Crosby, error,	1.37
Thomas Costello, error,	13.50
Jonathan P. Colby,	10.25
William H. Choate, error,	3.00
Mrs. Harriet N. Fletcher,	9.35
Richard Hannah, error,	5.00
Heirs of John Haulton,	3.10
Samuel H. King, error,	2.50
Mrs Mary H. Mitchell, buildings burnt,	63.00
Mrs Anna Merritt,	6.00
Mrs. Laura Munroe,	5.00
Mrs. Sophronia Putney,	3.70
Edward K. Richardson,	4.25
John E. Rowell, error,	5.00
Albert Stearns, error,	5.00
Hebert W. Sheldon, error,	25.00
George Kenneman, error,	1.00
A. B. Wright, error,	2.50
Patrick Callahan, error,	2.50
George Chapman, error,	.30
Henry Reed, error.	.50
George Kingman, error,	1.00
C. P. Sawyer, as collector,	109.05
	$290.87

ABATEMENTS FOR 1888.

Paid Herbert W. Sheldon, error,	$25.00
Mrs. Isabella Talbot.	5.00
Cuthbert Wrangham,	3.50
Augustus Whiting,	2.00
William H. Green,	2.00
Richard Hannah, error,	5.00
Heirs of John Haulton,	3.10
" " S. H. Kendall,	1.00
" " John Mixer,	9.00
Mrs. Annie Merritt,	6.00
Mrs. Laura Munroe,	5.00
Henry Q. Noyes,	4.50
Alexander C. Riley,	2.00
Bradley V. Bowers,	6.00
John B. Bailey,	2.00
William H. Choate, error,	3.00
Mrs. Harriet N. Fletcher,	10.10
C. P. Sawyer, as collector,	74.09
	$170.29

COLLECTOR'S REPORT.

Taxes for 1887.

Amount paid Town Treasurer,	$16,281.15
Amount paid for County Tax,	1,010.03
Amount of abatements and errors,	290.87
Amount to be collected,	60.95
Total amount assessed,	$17,304.46
Amount overpaid,	$47.67

Taxes for 1888.

Amount paid Town Treasurer,	$15,358.83
Amount paid for County tax,	1,212.03

Amount of abatements and errors,	170.89
Amount to be collected,	987.38
Total amount assessed,	$17,729.13

TAXES FOR 1889.

Amount paid Town Treasurer,	$15,652.87
Amount to be collected,	4,235.23
Total amount assessed,	$19,888.10
Interest collected upon 1887,	50.00
Interest collected upon 1888,	54.24

C. P. SAWYER, *Collector.*

OUTSIDE RELIEF.

Paid Worcester Lunatic Asylum, for board of Mary Morrissey,	$169.46
Worcester Lunatic Asylum, for board of Joseph W. Young,	123.50
Worcester Lunatic Asylum, for board of John Gannon,	48.75
M. McElmon, board of Mrs. Kimball,	168.00
F. Robbins, house rent for Mrs. Russell,	28.00
Town of Andover, aid rendered Mrs. Pasho,	99.25
City of Fitchburg, " " Nellie Miller,	28.00
Town of Dracut, " " Mallinson family,	260.04
Town of Acton, " " Mrs. Russell	48.13
Dr. Lane, medical attendance on Murray family,	100.00
City of Boston, aid rendered Brennan and Dacey,	134.56
J. F. Bruce, aid rendered William Richardson,	40.00
E. Baker, expense and cash paid out for the removal of J. Gannon to Hospital,	16.19

Paid G. Colson, aid rendered Mrs. Russell,	$ 5.00
City of Lowell, aid rendered Murray and Bohannon,	38.50
	$1,307.38

FIRE DEPARTMENT.

Paid Martin Conway, captain for Engine Co., No. 2,	$150.00
S. A. Cowdrey, 2 wood fires,	30.00
Watson N. Holt, repairs on engine house,	11.70
F. Taylor, fire extinguishers,	54.00
B. & M. R. R. freight on fire extinguishers,	.75
E. B. Haskell, services as engineer,	20.00
Andrew Morrisey, services as engineer,	20.00
H. C. Brown, express on badges and hose,	.30
F. A. Morey, padlock for engine house,	1.00
H. C. Brown, hose,	.30
C. H. Kohlrausch, Jr., services as chief engineer,	20.00
	$308.05

The Assessors respectfully submit the following report:—

When chosen Assessors of the town in 1888, we were particularly requested by one of the tax-paying veterans, to ascertain if the veterans were legally exempt from a poll tax. We accordingly consulted, at our own expense, several good lawyers, and also made inquiries at the offices of the Adjutant General and the Tax Commissioner, and were informed we had no right to exempt them, unless they were, by reason of age, infirmity, or poverty, unable to contribute towards the public charges. We were therefore obliged to assess them. We made the usual appraisal of personal estate in the town, but with the exception of some buildings or additions, and a few changesin the ownership of real estate, of which we were notified, the valuation list of real estate was copied from that of the

previous year, consequently some errors in names and some abatement of taxes, in the list of 1888, are the same as in the list of 1887.

In making the usual appraisal for 1889, we found a slight decrease in the number and quality of neat cattle assessed, and some of the cash assets formerly taxed as personal property, had been put into buildings. On this account the personal property, which amounts to $486,264. was about $3,000 less than for 1888. The valuation list of real estate was increased by ten dwelling houses, never before assessed, and two pieces of land, left out of the list several years since, were again assessed. The valuation list of real estate amounting to $1,211,974, was about $43,000 more than in 1888, making a gain in the total valuation of $40,000. At the annual March meeting in 1889, it was voted to raise for town expenses $16,500, which was $2,500 more than for the previous year. To meet this extra appropriation it was found necessary to raise the rate from $10 to $11 on $1,000. The total tax raised for 1889 for state, county and town purposes, including overlay, was $19,888.10.

About twenty names of real estate owners, mostly non-residents, were returned to us by the collector who had been unable to find the persons and sometimes the property assessed. In copying the names of non-residents year after year, it is difficult to avoid some mistakes, and the neglect of real estate owners, to notify the assessors of any transfer of property, increases the work. We have thoroughly searched the valuation list of the town for the past twenty years, to rectify any mistakes in initial letters or residence, We found that some of the property, belonging to non-residents, had not been owned for years, by the persons whose names were on the list, and had been sold so often, that it was only by searching the records at the Register's office, that the names of the present owners could be found. This has been done with the least possible expense, and the result is very satisfactory.

We were obliged in 1889 to copy the valuation list of the town for the Secretary of the Commonwealth.

We wish to call the attention of the town to the evasion of the law in regard to the dog tax. Notwithstanding the law that any dog owner who answers falsely to the assessors shall be fined ten dollars

and anyone who keeps an unlicensed dog, is liable to a fine of fifteen dollars, we found it difficult to obtain the number of dogs. The number returned on the list for 1889 was ninety males and twelve females, for which the license fees would amount to two hundred and forty dollars.

A. R. RICHARDSON,
JOSIAH WRIGHT,
JOHN E. ROWELL. } *Assessors of Billerica.*

EXPENSES AT TOWN FARM.

March, 1889.

Paid J. C. Parker and wife,	$ 42.00	
Arthur Fissette and wife,	32.00	
James Lewis,	13.00	
W. Cunnliffe, labor,	11.00	
James Barry, seed potatoes,	3.33	
A. A. Robinson, meat,	4.41	
Hutchins & Wilson, groceries,	33.24	
C. A. Robinson, fish,	5.63	
E. Baker, meat,	16.33	
Bill of items,	1.70	
		$162.64

April.

Paid J. C. Parker and wife,	$42.00	
W. Lashua and wife,	30.00	
James Lewis,	13.00	
A. Parson, blacksmith bill,	8.90	
P. Leonard, lot manure,	5.00	
Fred H. Parker, groceries,	22.18	
Wm. E. Livingston, grain,	47.54	
Hutchins & Wilson, groceries,	13.16	
J. F. Bruce, "	15.28	
F. A. Morey, "	9.78	
Dr. W. A. Sherman,	4.00	

Paid Bartlett & Dow,	$ 26.96	
Gilmore & Co.,	1.65	
R. B. Holden, flour,	6.75	
Shufelt & McCoy, rep. wagon,	2.50	
Putnam & Son, clothing,	6.25	
Wm. H. Parker & Son, manure,	27.75	
C. B. Coburn & Co., paint,	1.13	
Cobb, Bates & Yerxa, mollasses and sugar,	46.78	
E. Baker, meat,	13.69	
M. McGlone, hay,	23.88	
Bill of items,	3.81	
		$371.99

MAY.

Paid J. C. Parker and wife,	$42.00	
W. Lashua and wife,	30.00	
James Lewis, labor,	18.00	
John Toohey, "	23.10	
John Clines, "	3.33	
J. H. Bennick, hay,	8.60	
Wm. E. Livingston, grain,	31.71	
E. Bibeault, manure,	5.00	
T. W. Clement, manurs,	10.04	
F. G. Morse, cabbage plants,	2.80	
Mayho & Hix, fertilizer,	17.50	
E. Baker, meat,	20.35	
A. L. Field, medicine,	15.66	
Burnham, Forest & Davis,	39.38	
Bill of items,	4.74	
		$278.21

JUNE.

Paid J. C. Parker and wife,	$42.00	
W. Lashua and wife,	30.00	
James Lewis, labor,	18.00	
James Barry, "	13.00	

Paid Geo. Wheelock, labor,	$ 3.50	
Daniel Burke, "	3.00	
James Higgins, "	3.00	
Dr. A. C. Lane,	69.50	
F. A. Morey, groceries,	8.47	
J. F. Bruce, groceries,	17.24	
Hutchins & Wilson, groceries,	23.48	
W. H. Spalding & Co., paris green,	1.25	
J. E. Rowell, silo corn,	3.40	
Geo. Taylor & Co., rep. corn planter,	3.33	
James F. Fay, manure,	30.00	
G. A. Shufelt, "	3.75	
Wm. E. Livingston, grain,	26.14	
State Farm, lot pigs,	16.25	
Marden & Rowell.	1.50	
F. H. Parker & Co.,	13.79	
Bartlett & Dow,	34.00	
E. Baker, meat,	18.10	
Bill of items,	7.38	
		$390.11

JULY.

Paid J. C. Parker and wife,	$42.00	
W. Lashua and wife,	30.00	
James Lewis, labor,	18.00	
Daniel Barry, labor,	22.50	
Thos. F. Fay, manure,	8.00	
A. Parson, blacksmith,	14.70	
E. N. McCoy, manure,	2.75	
Hutchins & Wilson,	17.97	
C. B. Coburn & Co.,	2.43	
Geo. Taylor & Co.,	.50	
H. C. Brown, water-pot,	1.65	
E. Baker, meat,	19.20	
C. A. Robinson, fish,	8.28	
O'Donald & Gilbride,	3.71	
Bill of items,	23.18	
		$214.87

AUGUST.

Paid J. C. Parker and wife,	$42.00	
W. Lashua and wife,	30.00	
James Lewis, labor,	18.00	
Daniel Barry, labor,	22.50	
Hutchins & Wilson,	11.42	
F. A. Morey, grain,	82.26	
A. L. Field, medicine,	12.26	
Howard & Ham, undertakers,	41.00	
R. Donovan, labor,	3.00	
J. P. Stewart, blacksmith,	13.88	
B. L. Russell, saw bill,	16.07	
Davis & Sargent, boxes,	3.50	
Faulkner Manuf'g Co., coal,	60.06	
E. N. Wood & Co., shorts,	132.50	
E. Baker, meat,	23.98	
Bill of items,	14.84	
		$527.27

SEPTEMBER.

Paid J. C. Parker and wife,	$42.00	
W. Lashua and wife,	30.00	
James Lewis, labor,	18.00	
Daniel Barry,	20.83	
Chas. A. Holt & Co., grain,	31.70	
J. M. Butman, fertilizer,	70.00	
C. H. Cambell, labor,	3.00	
E. Baker, meat,	16.06	
H. C. Brown, tin-ware,	3.75	
Perry & Sladen,	14.99	
Bill of items,	2.25	
		$252.58

OCTOBER.

Paid J. C. Parker and wife,	$42.00	
W. Lashua and wife,	30.00	

Paid J. Lewis, labor,	$18.00	
Daniel Barry, labor,	1.57	
A. Parsons, blacksmith,	7.80	
Hutchins & Wilson,	24.45	
F. A. Morey,	11.20	
J. F. Bruce,	3.55	
D. W. Fitch, carpenter,	20.25	
F. Taylor, hardware,	5.63	
H. F. Ebert, rep. harness,	.85	
C. B. Coburn & Co.,	.42	
N. M. Wright, boots and shoes,	8.75	
E. Baker, meat,	17.80	
Chas. A. Holt & Co., grain,	34.56	
J. P. Stewart, blacksmith,	15.79	
Bartlett & Dow,	5.21	
Martin V. Dicky, stone work,	25.62	
		$276.58

NOVEMBER.

Paid J. C. Parker and wife,	$42.00	
W. Lashua and wife,	22.00	
James Lewis, labor,	18.00	
Mary Halpin, labor,	8.22	
Daniel Martin, labor,	28.00	
M. V. Dicky, labor,	21.68	
Chas. A. Holt & Co., grain	33.53	
Wm. H. Hutchins, pasturing cow,	26.00	
D. Whiting & Sons, skim milk,	3.20	
Burnham, Forrest & Davis,	14.68	
E. Baker, meat,	18.08	
C. A. Robinson, fish,	9.18	
G. Morrison, dry goods,	2.11	
Hutchins & Wilson,	10.62	
F. A. Morey,	17.75	
Bill of items,	5.58	
		$280.63

DECEMBER.

Paid J. C. Parker and wife,	$42.00	
James Lewis, labor,	18.00	
Mary Halpin, labor,	11.08	
Chas. Grant, labor,	12.41	
S. J. Burton, lot pigs,	20.00	
D. Whiting & Sons, skim milk,	1.20	
J. F. Bruce,	11.00	
Hutchins & Wilson,	15.31	
F. H. Parker & Co.,	13.81	
F. A. Morey,	3.62	
F. A. Tuttle, meat,	2.14	
F. H. Parker & Co., balance due,	62.95	
Wm. Nichols & Co., dynamite,	15.29	
C. A. Holt & Co., grain,	34.94	
E. Baker, meat,	15.80	
Bill of items,	3.55	
		$283.10

JANUARY, 1890.

Paid J. C. Parker and wife,	$42.00	
James Lewis, labor	18.00	
Mary Halpin, "	11.08	
Chas. Grant, "	2.32	
E. Hobart, "	10.00	
Bartlett & Dow,	5.75	
D. Whiting & Son, skim milk,	.96	
A. Howard, undertaker,	12.00	
J. C. Glidden, shoes,	1.25	
Putman & Son,	29.23	
F. A. Morey,	12.25	
Hutchins & Wilson,	11.79	
F. H. Parker,	9.50	
J. F. Bruce,	7.42	
C. A. Holt & Co., grain,	51.21	
E. E. Jewitt & Co.,	6.77	

Paid Wm. H. Spalding, paints, etc.,	$ 2.49	
J. P. Stewart, blacksmith,	6.06	
Nichols & Co., sugar,	17.79	
C. W. Lund,	.68	
E. Baker, meat,	16.82	
Bill of items,	5.43	
		$280.80

FEBRUARY.

Paid J. C. Parker and wife,	$42.00	
James Lewis,	18.00	
Mary Halpin,	10.00	
E. Hobart,	10.00	
P. M. Emerson & Co.,	30.23	
E. L. Russell, planing and matching boards,	4.50	
Baptist Society, pew rent,	5.00	
Martin & Langley, rep. range and tin ware,	23.73	
Wm. E. Livingston, grain and lime,	47.39	
A. Parson, blacksmith,	11.77	
E Baker, meat,	4.84	
Bill of items,	2.42	
		$209.88
		$3,528.66

SALES AT TOWN FARM.

MARCH, 1889.

Received of N. Piersons, for February milk, 2,279 quarts at 3½ cents,	$79.76	
for potatoes and straw,	7.15	
for error on A. L. Field's bill,	1.00	
		$87.91

APRIL.

Received of N. Piersons, for March milk, 2,395 quarts at 3½ cents, .	$83.82	
for potatoes, ...	6.75	
		$90.57

MAY.

Received of N. Piersons, for April milk, 2,703 quarts at 3 cents, .	$81.09	
for potatoes, eggs, etc., . .	9.50	
		$90.59

JUNE.

Received of N. Piersons, for May milk, 3,142 quarts at 3 cents, . . .	$94.26	
for working on road 4½ days, .	18.00	
for breaking out road for A. O. Dane, '88, ...	2.10	
for eggs, onions, strawberries, peas,	13.90	
		$128.26

JULY.

Received of N. Piersons, for June milk, 3,656 quarts at 3 cents, . . .	$109.68	
for peas, strawberries, onions and potatoes, ...	54.53	
		$164.21

AUGUST.

Received of N. Piersons, for July milk, 3,173 quarts at 3 cents, . .	$95.19	
for potatoes, onions, carrots, cucumbers, corn, tomatoes, cabbage,	122.26	
for 1,969 feet boards, ...	27.56	
		$245.01

SEPTEMBER.

Received of N. Pierson, for August milk, 2,982 quarts at 3 cents, . .	$89.46	
of M. McGlone, balance due for mowing, ...	6.22	
for tomatoes, onions, pickles, corn, apples, melons, . . .	35.30	
		$130.98

OCTOBER.

Received of N. Piersons for September, milk, 2,885 quarts at 3 cents,	$86.55	
of J. E. Rowell, 400 lbs. fertilizer,	6.00	
for vegetables, ...	9.65	
for school-house wood, . .	182.63	
		$284.83

NOVEMBER.

Received of A. O. Dane, for October milk, 378 cans at 28 cents, .. .	$105.84	
for apples and vegetables, . .	20.60	
		$126.44

DECEMBER.

Received of A. O. Dane, for November milk, 322 cans at 28 cents, . .	$90.16	
		$90.16

JANUARY, 1890.

Received of A. O. Dane, for December milk, 354 cans at 28 cents, . .	$99.12	
for poultry, ...	4.00	
		$103.12

FEBRUARY.

Received of A. O. Dane, for January milk, 393 cans at 28 cents, . .	$110.04	

Received for two cows,	$ 22.00	
for poultry,	1.59	
for calves,	15.60	
for cash received,	.80	
for loam,	6.75	
cash from Peter Grey,	1.00	
		$157.78
		$1,699.86

APPRAISAL OF PERSONAL PROPERTY AT TOWN FARM.

February 13, 1890.

Three horses,	$604.00
Seventeen cows,	710.00
Two heifers,	50.00
One bull,	50.00
Hay,	450.00
Straw,	25.00
Ensilage,	150.00
Grain,	125.00
Harnesses,	150.00
Horse blankets, combs, halters and covers,	20.00
Stone tools,	25.00
Scythes, rakes and forks,	12.00
Buffalo robes and blankets,	20.00
Potatoes,	80.00
Hay cutters,	40.00
Corn planter,	25.00
Corn,	60.00
Beans and sifter,	32.00
Paints, oils and cans,	10.00
Ladders,	10.00
Lot barrels and boxes,	10.00
Grain cradle and doors,	7.00
Wood and coal,	100.00
Old lumber,	10.00

Ploughs and cultivators,	55.00
Harrows,	30.00
Lot Saws,	9.00
Paris green cans,	4.00
Chest, tools and bench,	25.00
One grindstone,	2.00
Two sleds,	15.00
Pung and sleigh,	40.00
Lot grain bags,	8.00
One wheel rake,	15.00
Eight hogs,	75.00
Lot manure,	150.00
Vinegar,	35.00
Lot vinegar casks,	6.50
Pork and Hams,	24.00
Onions,	8.00
Mollasses and cask,	10.00
Tobacco and cutter,	4.00
Preserves and pickles,	8.00
Soap,	13.00
Butter,	10.00
Apples,	20.00
Manure spreader,	75.00
One market wagon,	95.00
Two wagons,	80.00
One two-horse wagon,	100.00
One two-horse cart,	75.00
One horse cart,	50.00
Ox wagon and box,	15.00
Barn pails,	.60
Wrenches, axes and hatchets,	15.00
Hens and ducks,	30.00
Seeds and seed corn,	25.00
Lot chains,	17.00
Seed sower,	5.00
Wheel-barrows,	10.00
Wheel jack and grease,	2.00

Ladder hook and bars,	5.00
Whiffle-trees and evener,	5.00
Tree scraper and drag,	5.50
One derrick,	75.00
Pulley-blocks and ropes,	30.00
Iron rakes and hoes,	6.00
One farm wagon,	80.00
New lumber,	100.00
Picks and bog hoes,	5.00
Forks and shovels,	8.00
Flour and meal,	20.00
Tea and sugar,	18.00
Oil and cans,	5.00
Coal-hods,	3.00
One mowing machine,	35.00
One roller,	10.00
Sail-cloth and ropes,	5.00
Lot salt,	1.50
One feed box,	3.00
Cranberry rake and snow shovels,	10.00
Hand cuffs,	3.00
Clothes basket and wringers,	10.00
Lot medicine,	10.00
Collection in attic,	15.00
Tramp house,	10.00
Old men's room,	40.00
One cook range,	25.00
Front room,	25.00
Chamber,	4.00
Bed-room,	25.00
Girl's room,	20.00
Dining-room,	45.00
Chamber No 1,	20.00
" No. 2,	20.00
" No. 3,	10.00
" No. 4,	50.00
" No. 5,	12.00

Chamber No. 6,	20.00
Inmate's dining-room,	25.00
Beds and bedding,	40.00
Seven spreads,	6.00
Six blankets,	6.00
Four comforters,	4.00
Fifty sheets,	20.00
Fifty-six pillow slips, 1 pair pillow shams,	12.00
Eight table cloths,	8.00
Sixteen dish-towels,	1.60
Twenty-four roller-towels,	5.50
Twenty-one Napkins,	2.00
Ten milk strainers,	1.00
Eighteen glass tumblers,	1.25
Six salters,	.50
One spoon-holder,	.40
One castor,	.50
Forty-seven dining plates,	$4.75
Forty tea "	3.00
Sixteen "	1.00
Two sugar bowls,	.50
One pickle dish,	.25
One gravey "	.25
Two butter "	.50
Eight small plates,	.25
Two cream pitchers,	.50
Two vegetable dishes,	.75
Three water pitchers,	1.50
Twenty-three bowls,	2.00
Two mixing bowls,	1.00
One large pudding dish,	.50
Twelve nappiers,	3.00
Twenty pie plates,	.50
Knifes and forks,	3.00
Carving knife, fork and steel,	1.50
Two bread knifes,	.50
Lot spoons,	4.00

Butter Knife,	.50
Twenty-four glass jars,	2.40
Eight stone "	5.50
Eight jugs,	4.00
Eighteen milk pans,	3.50
Two bread pans,	1.50
Two dish pans,	1.00
Fifteen basins,	2.25
Seven pint cups,	.50
Six dippers,	1.00
Five tin pails,	2.50
Three collanders,	.75
One steamer,	1.00
Two milk measures,	.50
Four tunnels,	1.50
Screens and fly traps,	1.00
Corn popers,	.50
Nine pint dishes,	.50
Three sieves,	.75
Seven lard pails,	1.00
One lard can,	3.00
Eight lamps,	5.00
Four lanterns,	1.75
Seven kettles,	7.00
Three frying pans,	1.50
One broiler "	1.00
Eight dripping "	7.00
Two jam "	1.50
One cake baker,	.25
Twenty-seven tins,	5.00
Nine flat-irons,	3.00
One lemon squeezer,	.25
One egg beater,	.25
Two chopping knifes.	1.00
Three wooden trays,	3.00
One butter stamp and bowl,	.50
Brooms, dust-pans and brushes,	2.00

Three wash-boards,	.75
Two rubber blankets,	2.00
Six flower pots,	.50
Two bean "	.50
Five wooden pails,	1.00
Seven cake cutters,	.35
Three graters,	.25
Five wash basins,	1.00
Two skimmers,	.25
One wash bowl and pitcher,	1.50
Wash tubs,	6.00
Two tea pots, and one coffee pot,	1.25
Six yards fly screen,	.60
Two rolling pins and cake board,	.50
Steelyards and balances,	3.75
Two pro. shears and razor,	2.50
Iron bed-stead,	9.00
Six platters,	3.00
Corn Cutters,	1.00
Cord-wood,	150.00
	$5,149.95

TOWN FARM ACCOUNT.

To appraisal personal property, Feb., 1889,	$4,981.25	
orders drawn by the Selectmen,	3,528.66	
		$8,5 9.91
To appraisal personal property, Feb., 1890,	$5,149.95	
Paid by Superintendent to Treasurer,	1,699.86	
		$6,849.81
Balance against almshouse,		$1,660.10

TOWN OFFICERS.

Paid Dudley Foster, services as Town Clerk and Treasurer,	$115.00
services as Registrar,	50.00
return of state aid,	12.00
" " 47 births,	23.50
" " 31 deaths,	5.10
" " 32 marriages,	4.80
paid for printing,	2.00
" " express and postage,	3.50
E. Baker, services as Selectman and Overseer of the Poor,	200.00
Highway Surveyor,	25.00
for postage and stationery,	3.12
C. S. Smith, services as Selectman and Overseer of the Poor,	150.00
Highway Surveyor,	25.00
G. F. Colson, services as Selectman and Overseer of the Poor,	150.00
Highway Surveyor,	25.00
A. R. Richardson, services as Assessor,	132.00
money paid out,	5.90
J. E. Rowell, services as Assessor,	40.00
J. Wright, " " "	40.00
H. M. Hutchins, services as Registrar, 3 yrs	45.00
J. Jaquith, " " "	15.00
J. Harrington, " " "	15.00
S. Tucker, " " Auditor,	8.00
G. H. Hall, " " "	8.00
W. W. Wilson, " " "	8.00
	$1,110.92

FIRE DEPARTMENT.

The Engineers of the Fire Department beg leave to submit the following report of the condition of the fire apparatus of the town:

We find everything in good condition; and with each extinguisher are three pails and a Johnson pump, located as follows: E. Baker, J. N. Parker, Jackson Wright, W. H. Sexton, A. D. Stanton, Alfred Brown, M. C. Mitchell, C. H. Hill, Thomas Simonds, J. O. Richardson, E. B. Haskell.

Apparatus in charge of Fire Department at Billerica Centre.—1 small engine, complete; 150 feet linen hose; 12 leather buckets; 2 hooks, with ropes and chain attached; 2 24-foot ladders; 2 15-foot ladders; 1 ladder truck; 1 axe; 1 pike; 1 extra pipe; 1 small hook; 100 feet rope; 2 lamps; 18 galvanized iron pails.

Apparatus in charge of Fire Department at North Billerica.—1 double-acting suction engine, fully equiped; 300 ft. rubber-lined hose; 50 ft. linen hose; 2 nozzles; 1 20-ft. ladder; 1 18-foot ladder; 1 15-foot ladder; 1 extension ladder, 50-foot; 2 fire hooks; 3 axes; 6 tubular lanterns; 12 rubber buckets; 6 spaners; 1 headlight; 6 shovels; 2 rubber coats; 10 lamps, with brackets; 1 lamp; 1 arm chair; 36 hard-wood chairs; 6 10-foot settees; 2 square tables; 1 stove; 30 feet of stove-pipe; 12 spittoons; 1 water-pail; 8 window curtains; 1 building, containing apparatus, room, and assembly hall.

The company consists of thirty men, properly officered, duly appointed by the Selectmen, and provided with badges as required by law.

The company at the North have been called out three times to extinguish brush fires,—on April 9 and April 12, 1889, and on Feb. 16, 1890. At the first two fires, much valuable wood-land was saved, on the premises of Patrick Riley, the Town Farm, and the McGlure Farm, through the earnest endeavors of the firemen. In view of the liability of calls to brush fires, it is desirable that a plough and shovels enough to supply all the firemen be procured, that they may be able to work to good advantage.

At the Centre. Fire discovered, and alarm sounded, about 4.10 on the afternoon of April 24, 1889, in the woods at East Billerica: finally subdued, after a loss of about $300. Sunday morning,

Sept. 29, 1889, fire discovered, about 8.30 in unoccupied house at Pattenville, and owned by Mr. Pettingill, of Lowell; total loss, partly covered by insurance.

Jan. 6, 1890, fire broke out, about 9.10, in West Billerica, in the house owned and occupied by J. H. Newhall. House and contents total loss; insured. No alarm. Cause of fire unknown.

Respectfully submitted,

CHARLES H. KOHLRAUSCH, Jr., *Chief Engineer.*
E. B. HASKELL, *Assistant Engineer.*
ANDREW MORRISSEY, *Assistant Engineer.*

TOWN CLERK'S REPORT.

Marriages, 1889.

Jan.	15.	James C. Parker, Billerica.
		Mary A. Gallagher, Lowell.
	17.	John Gibbs, Billerica.
		Alma Moore, Billerica.
	30.	Isaac O. Watts, Billerica.
		Cora E. Church, Billerica.
	31.	Frank H. Merriam, Billerica.
		Louisa E. Rosenthal, Billerica.
Feb.	13.	Edward F. Dickinson, Billerica.
		Katie Allen, Leominster.
	27.	Truman G. Messer, Billerica.
		Bessie A. Stearns, Billerica.
	28.	William Stevenson, Billerica.
		Elizabeth A. Howarth, Billerica.
March	9.	Fred Pasho, Billerica.
		Lizzie A. Miller, Billerica.
May	2.	Henry H. Austin, Brookline.
		Harriet Ann Stott, Billerica.
	14.	John C. Crawford, Billerica.
		Catherine Ann Peronica, Billerica.

May	26.	Thomas Bateson, Billerica.
		Rachel Lewtas, Billerica.
June	23.	Richard F. Kelley, Billerica.
		Alvira E. Hoey, Billerica.
	26.	Henry C. Howard, Hot Springs, Ark.
		Emma Cann, Billerica.
	29.	Saville D. Metcalf, Billerica.
		Fannie A. Crocker, Billerica.
July	3.	Melvin M. Whitcomb, Hudson, Mass.
		Maggie B. May, Billerica.
	26.	Lewis S. Hodgedon, Boston, Mass.
		Carrie E. Martin, Boston, Mass.
Aug.	22.	Arthur L. Blodgett, Billerica.
		Jessie Underhill, Billerica.
Sept.	10.	Frederic A. Wilson, Andover, Mass.
		Florence N. Nason, Billerica.
	25.	John Murphy, Billerica.
		Fannie Griffin, Billerica.
	28.	Charles G. Draper, Bedford.
		Mary A. Fairbrother, Billerica.
Oct.	3.	William T. Conway, Billerica.
		Julia Teresa Goulding, Billerica.
	8.	James N. Estey, Billerica.
		Lizzie A. Bean, Billerica.
	9.	Arthur S. Cook, Billerica.
		Carrie E. Baker, Billerica.
	24.	Frank M. Goddard, Billerica.
		Annie E. Manning, Billerica.
	31.	Aaron C. Ladd, Lowell.
		Alice M. A. Spaulding, Billerica.
Nov.	5.	Charles L. Hicks, Billerica.
		Lula E. Carpenter, Billerica.
	13.	John F. Murphy, Billerica.
		Fannie L. Talbot, Billerica.
	24.	Timothy F. Hayes, Billerica.
		Lena Casey, Wilmington.
	23.	Ira Callahan, Billerica.
		Annie L. Reynolds, Billerica.

Dec.	3.	Charles E. Morris, Billerica.
		Selina M. Young, Billerica.
	18.	John M. Laughlin, Lowell.
		Amanda C. Anderson, Lowell.
	19.	James Fairbrother, Billerica.
		Anna B. Parmenter, Sudbury.

BIRTHS.

DAY OF MONTH.		NAME OF CHILD.	NAME OF PARENTS.
January	1	Loretta Corrigan,	James and Catherine.
"	7	David Brabent,	Alexander and Mary.
"	9	Albert Raymond Crosby,	Henry F. and Nettie J.
"	9	Nellie F. Olney, } twins.	Horace J. and Olive J.
"	9	Fannie A. Olney, }	" "
"	10	Frederick H. Barrington,	Roger and Alice.
"	23	Elizabeth Hawks,	Henry and Mary.
February	5	Florence Merriam,	Frank H. and Louisa E.
"	13	Herbert Fairbrother,	William and Isabella.
"	22	Ida Belle Grimes,	Elmore A. and Mary E.
"	26	Joseph Carney,	Patrick and Catherine.
March	13	Fred Elisho Pasho,	Fred and Lizzie.
"	13	Edward Collins,	John and Ellen.
"	15	Daniel P. Flynn,	Edward and Annie.
"	27	Charles A. Bradley,	James and Katie.
"	30	Fannie L. Harvey,	William J. and Abbie A.
April	9	Daniel C. Dorris,	Thomas and Mary A.
"	9	George E. Wain,	John and Eleanor.
"	14	Albertha A. Spaulding,	Gardner E. and Bessie F.
"	19	Francis J. Desire,	Dennis and Annie.
"	27	Holden,	George N. and Mary A.
May	6	Elen E. Shult,	Carl A. and Carolina.
"	18	Grace May Pomroy,	Henry L. and Delia C.
"	31	Isabella M. Chambers,	William B. and Jennie W.
June	4	Ann Jaquith,	Joseph and Annah M.
"	6	Luke E. Garrity,	Philip and Ellen.
"	13	Amelia Gardner,	Edward J. and Elizabeth.
August	12	Joseph E. Dockham,	Elmore A. and Lilla F.
"	19	John H. Hennessey,	Michael and Anne.
Sept.	10	Frederick Victor Walker,	Joseph and Jennie.
"	12	Forrest C. Symmes,	William F. and Sarah E.

DAY OF MONTH.		NAME OF CHILD.	NAME OF PARENTS.
Sept.	12	Walter H. Cowdrey,	Francis W. and Frances M.
"	15	Wilford Cherkey,	John and Cloris.
"	18	George Hannon,	Elias and Catherine F.
October	6	Daniel F. Reardon,	John and Mary.
"	11	William W. Johnson,	Paul and Mary.
"	25	Frederick E. Mason,	Fred L. and Mary A.
Nov.	14	Lauretta Higgins,	Patrick and Winneford.
"	15	Phillip D. Lyons,	William J. and Mary E.
Dec.	6	Rose A. Kittredge,	Thomas H. and Frances R.
"	6	James T. White,	John F. and Rose.
"	8	James E. Doyle,	James W. and Mary Ann.
"	11	Gertrude J. Beshong,	Benjamin and Margaret.
"	16	Hattie E. Baker,	John H. and Cora L.
"	20	James Higgins,	Patrick and Mary.
"	20	Harriet Goldspring.	William H. and Susie.
		Pardu,	Joseph N. and Mary A.

DEATHS IN BILLERICA, 1889.

Jan.	4,	Israel A. Colson,	aged 85 yrs. 5 mos.
"	8,	Mary B. Gleason,	aged 96 yrs. 2 mos. 7 days.
"	25,	William Blanchard,	aged 83 yrs. 3 mos. 20 days.
Feb.	8,	Archibald T. Chisholm,	aged 3 mos.
"	16,	Thomas Eames	aged 84 yrs. 9 mos. 22 days.
"	24,	Josiah Perry,	aged 34 yrs.
"	21,	Mary Spaulding,	aged 57 yrs. 2 mos. 23 days.
Mch.	11,	Mira Ann Nason,	aged 74 yrs. 10 mos. 5 days.
"	30,	John B. Bailey,	aged 73 yrs. 9 mos. 16 days.
"	5,	George C. Leonard,	aged 77 yrs.
April	3,	Margaret Fitzpatrick,	aged 6 mos. 13 days.
May	3,	William G. Potts,	aged 40 yrs.
"	5,	Fanny Keating,	aged 39 yrs.
July	2,	John Harrington,	aged 79 yrs. 10 mos.
"	14,	Elizabeth Hawks,	aged 6 mos.
"	15,	Mary Wade,	aged 76 yrs.
"	22,	Lizzie Newhall,	aged 11 mos.
Aug.	7,	Martha Simonds,	aged 55 yrs. 10 mos. 11 days.
"	16,	Abigail Miller,	aged 89 yrs. 1 mos. 2 days.
"	24,	Henry Baker Stanton,	aged 79 yrs. 7 mos. 8 days.

Aug.	11,	Nellie F. Olney,	aged 7 mos. 1 day.
Oct.	15,	Zadock Harrington	aged 85 yrs.
"	29,	Joseph E. Dockham,	aged 2 mos. 17 days.
Nov.	3,	Mary H. Newhall,	aged 78 yrs. 10 mos. 11 days.
"	12,	Ann S. Clark,	aged 59 yrs. 3 mos.
"	26,	Hannah P. Chandler,	aged 81 yrs. 10 mos. 14 days.
Dec.	23,	Mary Riley,	aged 13 yrs. 7 mos.
"	28,	Mary B. Chase,	aged 75 yrs. 10 mos.
"	13,	William Quinn,	aged 52 yrs.

Dog licenses have been issued to the following persons :—

William C. Campbell,	1	Mrs. Holley,	1
Peter Dolan,	1	James Bradley,	1
Isaac O. Watts,	1	Mrs. Pierce,	1
Annie Manning,	1	John O. Brian,	1
Matthew H. Kohlrausch,	1	Edwin Manning,	1
George F. Colson,	1	Mrs Lynde,	1
Hugh Coulter,	1	H. B. Stanton,	1
Calvin P. Sawyer,	1	Lon Stimpson,	1
John A. Richardson,	1	E. N. Ray,	2
Luther W. Faulkner,	1	Geo. E. Moore,	1
Stephen Cann,	1	O. W. Rogers,	1
F. A. Casey,	1	Warren Holden,	1
H. P. Barker,	1	C. S. Smith,	1
Chas. H. Wilson,	1	J. H. Newhall,	1
Jonn E. Farmer,	1	Thomas Simonds,	1
Mrs. Bailey,	1	C. H. Kohlrausch,	1
C. H. Holt,	2	Sadie Brown,	1
Mrs. Benson,	1	A. D. Stanton,	1
Chas. J. Kearne,	1	Fred Gatter,	1
Charles Moore,	1	J. V. Noyes,	1
A. W. McCarthy,	1	Francis Bowman,	1
Joseph P. Meaney,	1	Geo. E. Stearns,	1
Miss M. M. Dodge,	1	Jos. B. Tufts,	1
J. N. Parker,	1	James E. Pickering,	1
Albert Stearns,	2	A. O. Dane,	2

Cyrus Ham,	1	B. H. Houghton,	4
James Barrington,	1	H. C. Brown,	1
Clarence Barmforth,	1	W. Holt,	1
Dennis O'Keefe,	1	Warren Fellows,	1
Roger Barrington,	1	A. Woodard,	1
F. A. Dutton,	1	W. Preston,	1
Horace Onley,	1	James Bowden,	1
John Harrington,	1	Henry A. Dutton,	1
Alma A. Wilson,	1	Michael J. McElligott,	1
Michael Harrington,	1	G. R. Herrick,	1
Mrs. Josiah Perry,	1	Wm. Stewart,	1
Minot A. Merriam.	1	Edmond Lord,	1
F. H. Parker,	2	Warren Shedd,	1
E. J. Hill,	1	J. H. Baker,	1

DUDLEY FOSTER, *Town Clerk.*

TREASURER'S REPORT.

DR.

March 2, 1889.	
To balance due on settlement,	$5,061.69
March 13, 1889.	
Received one year's interest on Abbot Singing Fund,	84.00
of State Treas., corporation tax,	36.88
Mr. King, for work down by town team,	196.38
Carlisle, for tuition of scholars,	22.00
J. C. Parker, money paid back,	39.38
Ebenezer Baker,	3,000.00
Carlisle, for scholars,	24.50
Mr. Brown, for license,	6.00
E. A. Grimes, for old plank,	1.00
State Treas., corporation tax,	3,872.00
" " National Bank tax,	770.69
" " state aid,	572.00
" " income of school fund,	166.91
County Treas., dog tax,	159.03
one year's interest on Abbot Singing Fund,	84.00

Received of H. M. Hutchins, use of hay scales,	$ 21.00
rent of Higgin's place,	60.00
Superintendent of town farm,	1,699.76
G. E. Stearns, collector, 1886,	660.80
C. P. Sawyer, collector, 1887,	1,333.41
" " " 1888,	3,208.23
" " " 1889,	15,652.87
" " interest on 1887 tax,	50.00
" " " " 1888 "	54.24
	$36,836.77

Cr.

March 25, 1889.

Paid 6 months interest on railroad loan,	300.00
tax in Chelmsford, 1888,	.47
insurance on 3 school-houses, per order,	45.00
one year's interest on town note of $1,000,	60.00
tax in Tewksbury, 1889,	7.60
tax in Chelmsford, 1889,	.50
one year's interest on Howe school's town note of $1,000,	60.00
D. W. Fitch, final bill on school-house,	986.55
insurance on said school-house,	30.00
railroad loan, note of $2,500, and $300. interest on note,	2,800.00
interest on $4,400., Howe school notes, town,	264.00
" " 5,960., Bower's fund town notes, 5 per c.	298.00
" " 2,000., " " " " "	100.00
" " 1,200., " " " " "	60.00
State tax,	1,840.00
County tax,	1,426.47
town orders,	24,573.24
state aid,	669.00
Balance,	3,315.94
	$36,836.77

DUDLEY FOSTER, *Treasurer.*

We have examined the foregoing account, and find it correctly kept.

SAMUEL TUCKER,
W. WAYLAND WILSON. } *Auditors.*
GEORGE H. HALL,

BILLERICA, March 3, 1890.

BOWER'S FUND.

MARCH 1, 1890.

Town notes, $9,160., at 5 per cent. interest,	$9,160.00
Notes secured by mortgage,	2,440.00
City Institution for Savings, Lowell,	700.00
Five Cent Savings Bank, "	531.35
Lowell Institution for Saving, "	500.00
Middlesex " " " Concord,	425.00
Mitchell note,	750.00
In Treasurer's hands,	250.00
	$14,756.35

FINANCIAL CONDITION OF THE TOWN.

Balance on railroad loan,	$12,500.00	
Town notes due Bowers' fund,	9,160.00	
" " " Howe school,	6,400.00	
Outstanding,	200.00	
		$28,260.00
Money in the treasury,	$3,315.94	
Due from collector, 1887,	60.95	
" " " 1888,	987.38	
" " " 1889,	4,235.23	
		$8,599.50
Town's indebtedness,		$19,660.50

EBENEZER BAKER. } *Selectmen*
COBURN S. SMITH. } *of*
GEORGE F. COLSON. } *Billerica.*

BILLERICA, March 3d, 1890.

We have examined the account kept by the Selectmen, and find it correctly cast and properly vouched.

SAMUEL TUCKER,
W. WAYLAND WILSON, } *Auditors.*
GEORGE H. HALL.

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF BILLERICA

FOR THE SCHOOL YEAR 1889-90.

LOWELL, MASS.:
PRESS OF BUTTERFIELD PRINTING & BINDING CO.
1890.

ORGANIZATION OF SCHOOL COMMITTEE

FOR 1889-90.

GEORGE P. GREENWOOD, *Chairman;* term expires 1890.
CHAS. H. KOHLRAUSCH, Jr., *Secretary;* term expires 1891.
JOSEPH S. HOLT, *Auditor;* term expires 1892.

Sub-Committee for District No. 1, comprising Union Hall Grammar, Union Hall Primary, Talbot Grammar, Talbot Intermediate, and Talbot Primary Schools, Chas. H. Kohlrausch, Jr.

Sub-Committee for District No. 2, comprising Center Grammar, Center Primary, and Richardson Schools, Joseph S. Holt.

Sub-Committee for District No. 3, comprising Crosby, Spaulding and Hill Schools, George P. Greenwood.

NAMES OF TEACHERS.

Musical Instructor, J. AVISON BAKER.

Center Grammar, No. 1.
MISS ANGIE CANN.

Center Primary, No. 2.
MISS FANNIE G. FLANDERS.

Crosby, No. 3.
MISS MARY A. KNOWLES.

Union Hall, Grammar, No. 4.
MISS M. NELLIE SMITH.

Union Hall Primary, No. 5.
MISS MARY E. F. SHEA.

Talbot Grammar, No. 6.
MISS WINIFRED L. EVANS.

Talbot Intermediate, No. 7.
MISS ADA F. LYNDE.

Talbot Primary, No. 8.
MISS M. CARRIE LYNDE.

Hill, No. 9.
MISS HATTIE LUND.

Richardson, No. 10.
MISS ANNIE J. PAGE.

Spaulding, No. 11.
MISS GRACE L. KNOWLES.

TRUANT OFFICERS.

Jas. W. Doyle. Albert Stearns.

REPORT.

In compliance with the Statutes of the Commonwealth, the School Committee herewith submit their annual report.

Agreeably to a vote passed at the last town meeting, that all the town documents be included in the town book, distributed among the citizens each year before the annual meeting, this report is inserted therein instead of being published separately as heretofore: the Committee consider this a good plan, as it places school matters before the citizens at a time when the information contained can be made available, and thus enable the voter to be fully advised on the subject when the questions relating to the schools come before the town.

A review of the year's work affords, in the main, a feeling of satisfaction to the Committee. We can see a steady improvement in the standing of our schools, and we feel that we are gradually reaching the point of excellence at which we aim. Our teachers are alert to gain new ideas and are quick to avail themselves of such improved methods as appear.

In accordance with recent legislation by the State, it

has been rendered possible for towns to unite in securing the services of practical educators as Superintendents of their schools, substantial aid being afforded by the State to towns thus uniting. Considerable argument has been used upon the Committee by officers of the State Board of Education and others, to get Billerica to go into such a combination: at this writing the Committee are not in possession of sufficent information on the subject to make any recommendations. Undoubtedly a meeting will be held for the purpose of ventilating the matter, and possibly the town warrant may contain an article bearing on this subject.

The Schools:—The annual examinations were attended by the full board and were a source of much pleasure and gratification to all concerned: in many schools beautiful floral decorations added attractiveness to the scene, and pleasing songs and recitations made agreeable variety.

Following are the reports of the Sub Committees on the work of the teachers under their especial supervision:

In Sub-Division No. 1, two hundred and twenty-five scholars are enrolled. At the Union Hall Grammar, Miss Julia E. Reed resigned at the close of the spring term. She was succeeded by Miss M. Nellie Smith, of New York, a graduate of the Albany Normal School in that state. She has taught during the fall and winter terms successfully, and has worked hard to make her school a good one. At the Union Hall Primary, Miss Mary E. F. Shea has continued in charge throughout the year; the favorable comment we have made on this excellent teacher's work in previous reports applies with equal force to the results of her efforts during the past year. In the new Talbot School building it was found necessary to establish an additional school to accommodate the increasing number of pupils. At the Talbot Grammar, Miss Winifred L. Evans has been in charge during the year. This lady is an excellent

teacher, and under her able instruction the school has reached a high degree of discipline and scholarship. At the Talbot Intermediate — the new school — Miss Ada F. Lynde was placed in charge at its opening last fall, and has since remained its teacher: she bids fair to be a most successful instructor. At the Talbot Primary, Miss M. Carrie Lynde has been in charge during the year; her work shows for itself, and will bear close inspection; we can but repeat what we have previously said in regard to her methods and their results.

In Sub-Division No. 2, one hundred and twenty-five scholars are enrolled. At the Center Grammar, Mrs. Martha H. Sage retired at the close of the fall term, after years of service in this school. As a teacher, Mrs. Sage was methodical, earnest and conscientious in her work, and highly successful in former years. Mrs. Sage was succeeded by Miss Lucy Dane who, as an organizer, disciplinarian and instructor, was very successful; illness, however, compelled her to resign her charge in the middle of the winter term. Miss Dane was succeeded by Miss Angie Cann, who taught the remainder of the term with good results.

At the Center Primary, Miss Fannie G. Flanders has most faithfully discharged her duties during the past year. Through her faithful efforts and kind attention, this large gathering of little ones has made commendable improvement. As a primary teacher Miss Flanders is highly successful.

At the Richardson School, Miss Annie J. Page continues to teach. Her work is always of the best quality and gives satisfaction.

In Sub-Division No. 3, sixty-four scholars are enrolled at the Crosby School. Miss Mary A. Knowles is still in charge. The advantage of a teacher remaining for a considerable time in the same school is plainly seen here. The work is uninterrupted, the teacher knows the peculiarities of the scholars, and pursuing a well matured plan, is able to imbue them with something of her own ambition, and to leave her impress on the school. Many older scholars have attended the past term, and while there have been no very advanced classes, the amount of information gained has been valuable. It is very pleasing to find so many large scholars in a school of this kind.

Miss Edith Byrnes resigned her position at the Hill School at the close of the fall term, to the sincere regret of all concerned. The school constantly improved while under her charge, and she left it in excellent condition. Miss Hattie Lund, a graduate of the Salem Normal School, was engaged for the winter term. She was an experienced teacher, and brought excellent testimonials, but the school suffered somewhat under her management. Her previous work had been in primary schools, and she found it difficult, perhaps, to adapt herself to the requirements of a mixed school. At the close of the term she resigned her position.

The Spaulding School has also suffered a loss in the resignation of Miss Carrie E. Handley, which was very reluctantly accepted, at the close of the fall term. Miss Handley is eminently fitted for the duties of a teacher, and the school has always prospered under her charge. This school has made remarkable progress in music. Miss Grace L. Knowles taught the winter term, and quickly gained the confidence of her scholars; her manner in the school room is pleasing, and we have reason to believe she will become a valuable teacher. The attendance in all the schools continues to be somewhat irregular, and especially during the winter term, owing to the prevalence of influenza, the falling off was considerable.

Music:—An appropriation of three hundred dollars was made at the last annual town meeting for the purpose of establishing a systematic course of instruction in music in the public schools. After due inquiry and consideration, Mr. J. Avison Baker, of Lowell, was appointed Musical Instructor. Each school is visited by him once in each week, and instruction for one hour given. The year's work shows most gratifying results. Primary pupils are quickly taught to take, correctly, difficult intervals of sound, and more advanced pupils sing part songs in a most accurate and pleasing manner. The Committee think themselves fortunate in having been able to secure the services of such an excellent teacher, and take this opportunity to express their appreciation of his earnest and faithful work. We earnestly recommend the town to take such action, at the coming meeting, as will make it possible for us to retain his services for another year.

Buildings:—The school buildings are generally in good order, and have not required much expenditure for repairs. Of late, all public buildings are the objects of rigid inspection by state officials, who closely scrutinize schools to ascertain their condition as to sanitation, ventilation, means of egress, etc., and they do not hesitate to write severe criticisms, when merited, in their reports. Such provision should be made by the town as will enable the Committee to remedy any defects that may exist.

The location of the Center School has long been a source of dissatisfaction and worriment to the Committee. There being no play-ground, the children are obliged to have recourse to the public street. This is dangerous and very undesirable. As the street is now the principal thoroughfare to the railroad station, there is much travel on it, and liability of accident to the children is much increased. Other reasons could be given why the locality is unsuitable. We think it would be good economy for the town to secure a lot elsewhere for this purpose, before the available sites have been otherwise utilized. An article in the town warrant will bear on this matter.

The addition to the Talbot School, which was provided for at the last annual meeting, has been completed, and the building now stands an ornament and a credit to the town, and admirably adapted for the purpose for which it is intended. The work of enlargement has all been done by resident workmen. The contract was awarded to D. Warren Fitch, who gave the town a faithful, honest and workman-like job. The task of raising the roof, which was considered by many likely to prove a difficult undertaking, was sub-let, by Mr. Fitch, to Mr. Josiah Wright, who skillfully and successfully accomplished the work. Through the efforts of Masters Harry Sheldon and Georgie Robinson, sufficient funds have been collected to procure a staff and flag to be placed on the Talbot School, in accordance with the patriotic custom, recently inaugrated, of placing the United States flag on schoolhouses. We heartily approve of this idea, and hope that all our school may be similarly honored.

Child Labor:—In the North District or Sub-Division No. 1, many children are employed a portion of each year in the factories.

Under the Act of the General Court of 1888, the law governing such employment was materially changed. As it now stands: "No child under thirteen years of age shall be employed in any factory, work-shop, or mercantile establishment. No such child shall be employed in any in-door work performed for wages or other compensation, to whomsoever payable, during the hours when the public schools of the city or town in which he resides are in session; or shall he be employed in any manner during such hours, unless during the year next preceding such employment he has attended school for at least twenty weeks, as required by law. Under fourteen years, no child shall be employed before the hour of six o'clock in the morning or after seven o'clock in the the evening; nor shall he be employed, except in the vacations of the public schools where he resides, unless the person or corporation employing him procures and keeps on file a certificate and employment ticket, as prescribed by law." Practically, the law requires that a child shall attend school for twenty weeks between the ages of thirteen and fourteen years.

It further provides that no child under sixteen years shall be employed without a certificate being filed, as required by law. It is required that no certificate shall be signed by the Committee, or other person authorized to sign it, until the applicant presents an employment ticket setting forth a description of the child, and a statement from the intending employer that the child's services are desired; and a sworn statement, signed by its parents or guardian, setting forth its name, place and date of birth, and age. Any employer, parent or guardian violating this law forfeits not less than twenty, nor more than fifty dollars, for the use of the public schools of the city or town; and any parent, guardian, or other person authorized to sign the certificate, making any false statement therein, is liable to fine or imprisonment. The truant officers and factory inspectors are authorized to enforce this law.

Manual Training:— The progress of the Public School System throughout the whole country is marked, not only by the increase in material resources, teaching force, and average attendance, but also by improvements in the spirit and methods of the work.

Among these improvements, and perhaps the most important, is the introduction of manual training, in many cities and towns. A considerable conflict of opinion has been developed in the discussion of this subject, arising in part from the widely different experiments to which the term is applied. Thoughtful men deprecate all movements which threaten to transform the common schools into workshops for industrial training, in the sense of trade teaching. On the other hand, they admit that the education of the children should involve the exercise of the mind, the eye and the hand. It will not be easy to determine whether these differences of opinion are radical or not until precise meaning is given to the expression. Some declare that it is simply an extension of Kindergarten principles to higher grades. TheNew Jersey Council of Education, in view of the several and conflicting uses of the term "manual training," resolved, "That manual training is training in thought expression by other means than gesture and verbal language, in such a carefully graded course of study as shall also provide adequate training for the judgment and the executive faculty. This training will, necessarily, include drawing and constructive work, but experience alone can determine by what special means this instruction may best be given."

This seems to be a safe position to assume in regard to the matter; and in the sense here given, the argument for its introduction into the public school course is placed on exactly the same basis as the argument for other essential branches of education.

In Conclusion:—The Committee feel grateful to the town for the liberal spirit shown the schools last year, and earnestly hope that a simalar feeling may govern the action of the town in regard to them at the coming town meeting. The Public School System is the fountain from which our people draw their culture and education, and no backward step should be taken in considering its interests. Billerica schools are slowly but surely improving, under the more liberal policy of the last few years. Let us continue the good work. Says Gov. Andrew G. Curtain, "When the Common School System shall have unfolded all of its vast powers; when a corps of trained and educated teachers, to supply all its demands,

shall have taken the field; when the text-books used in the schools shall be wisely selected, and the school-house built upon the most approved model; when its protection and progress shall be the first object of the government, then will all its mighty energies to do good be felt; the public mind refined and enlightened; labor elevated; patriotism purified; our republican form of government fixed on an immutable basis, and the people crowned with its benefits and blessings."

GEORGE P. GREENWOOD, *Chairman.*
CHAS. H. KOHLRAUSCH, JR., *Secretary.*
JOSEPH S. HOLT, *Auditor.*

BOOKS USED IN THE SCHOOLS.

The Bible.
Webster's Dictionery.
Colburn's Arithmetic.
Bradbury's Eaton's Arithmetic.
Wentworth's Problems.
Lippincott's Readers.
Various Supplementary Readers.
Harrington's Speller.
Tweed's Grammar.
Swinton's Language Lessons.
Butler's Geographies.
Higginson's History of the United States.
Brand's Physiology.
Blaisdell's How to Keep Well.
Meservey's Book-Keeping.
Walter Smith's Drawing.
Prang's Drawing.
Harper's System of Penmanship.
Elementary Lessons in English.
Pierson's History of the United States.
Monroe's Charts.
Holt's System of Music,

ROLL OF HONOR.

CENTER GRAMMAR SCHOOL.

SPRING TERM.—Annie Lane, Fred Dutton, Frank Rogers, Samuel Tucker.

FALL TERM.—Abbie Rivers, Lizzie Rogers, Alice Rogers, Gertrude Cobb, Edward Fellows, Arthur Grimes, Gardner Lund, Fred Sexton, Howard Sexton, Harry Wright.

WINTER TERM.—Gardner Lund, Ernest Cobb, Harry Wright.

CENTER PRIMARY SCHOOL.

SPRING TERM.—Annie Searles, G. Lund, H. Delude.

FALL TERM.—Ethel Draper, Annie Dodge, Alice Dodge, F. Rogers, Chester Wright.

WINTER TERM.—Ethel Draper, John Bailey.

CROSBY SCHOOL.

SPRING TERM.—Sarah Essex, Bessie Essex, Carrie Abele, William Essex, George Miller, Harry Pasho.

FALL TERM.—Hattie Fuller, Ethel Buckley, Franklin Fuller, Francis Fuller.

WINTER TERM.—Bessie Essex, Newhall Lipsett, Willie Essex, Guy Wilson, Harry Pasho, Chester Pasho, Willie Pasho.

UNION HALL GRAMMAR SCHOOL.

SPRING TERM.—Kittie L. Cowdrey, Etta F. Gannon, Jennie Trull, William A. Crawford, Daniel J. Fitz-Patrick, Samuel Stott, John Welsh.

FALL TERM.—Mamie Hawkes, Dennis Fitz-Patrick.

UNION HALL PRIMARY SCHOOL.

SPRING TERM.—Joseph Crawford, Willie Faulds, Paul Hennessey, Ambrose Hennessey, Bella Walker.

FALL TERM.—Joseph Crawford, William Flynn, Paul Hennessey, Aloysius Hennessey, Annie Fitz-Patrick.

TALBOT GRAMMAR SCHOOL.

SPRING TERM.—Harry Sheldon, Thomas Fitz-Patrick, Patrick Mahoney, Lizzie Chadwick, Mary Holly, Theresa Scanlon, Lillian Scanlon.

Fall Term.—James Latham, Frank Gannon, Fred Wain, Fred Hannon, Thomas Fitz-Patrick, Lizzie Chadwick, Etta Gannon, Maggie McCarty, Jennie Trull.

Winter Term.—Harry Sheldon, Mamie Emmet.

TALBOT INTERMEDIATE SCHOOL.

Fall Term.—Blanche Doyle, Kate Fitz-Patrick, Florence Keating, Martha Maxwell, Theresa Scanlon, Mary Tuomey, Harry Chadwick, Daniel Hoar, Thomas Hoar, Patrick Mahoney, Henry Potts, Harry Barrett, Frank Trull.

Winter Term.—Theresa Scanlon, Harry Chadwick, Daniel Hoar, Harry Barrett.

TALBOT PRIMARY SCHOOL.

Spring Term.—Martha Maxwell, May Sutcliffe, Harry Barrett, Joseph Scanlon, Joseph Garner, William Holly, Charles Sheldon, Frank Trull.

Fall Term.—William Conley, Frank Hannon, Henry O'Brien, Charles Sheldon, Joseph Scanlon, Thomas Tuomey, Julietta Dutton, Mary Fitz-Patrick, Martha Balmforth, Marietta McCusker, Etta Page.

HILL SCHOOL.

Spring Term.—Nellie Lyons, Alfred Marston.

Fall Term.—Nellie Lyons, Alice Marston, Alfred Marston.

RICHARDSON SCHOOL.

Spring Term.—Alice Wood, Mary Richardson, Alden Richardson.

Fall Term.—Mary Richardson, Alden Richardson, Albert Richardson.

Winter Term.—Mary Richardson, Alden Richardson, Albert Richardson.

Not absent for the year.—Mary Richardson, Alden Richardson.

SPAULDING SCHOOL.

Spring Term.—Eugene O. Hutchinson.

Fall Term.—Eugene O. Hutchinson.

TABULAR STATEMENT.

SCHOOLS.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	No. 10.	No. 11.	TOTAL
Whole number of pupils in Spring	36	51	24	49	54	45		50	11	25	21	366
Average daily attendance in Spring	31	48	19	32	40	39		41	9	20	15	294
Whole number of pupils in Autumn	40	45	21	26	50	42	31	42	15	29	21	362
Average daily attendance in Autumn	35	42	15	21	36	35	28	37	13	20	17	299
Whole number of pupils in Winter	34	41	25	41	52	38	30	43	14	22	23	363
Average daily attendance in Winter	29	36	22	26	23	33	25	31	13	19	16	273
Average membership for the year	31	42	19	26	33	36	18	36	12	20	16	289
Number of different pupils during the year	36	51	24	49	54	44	31	63	15	33	23	423
" " " under 5 years of age	0	0	0	0	2	0	0	0	0	0	1	3
" " " over 15 years of age	1	0	2	1	0	0	0	0	0	1	2	7
" " " between 8 and 14	35	28	18	48	31	46	28	17	11	15	20	297
" " " from other towns	0	0	0	0	0	0	0	0	0	0	6	6
" " " not absent in Spring	4	3	6	7	5	7		8	2	3	1	46
" " " " " " Autumn	10	5	4	2	5	10	13	10	3	4	2	68
" " " " " " Winter	3	2	7	0	0	2	4	0		3	0	21
" visitors in Spring	23	20	8	43	4	23		9	6	19	4	159
" " " Autumn	19	10	17	7	3	13	5	11	15	25	8	133
" " " Winter	20	13	6	10	4	14	12	14	16	11	8	128
Length of term, in months and days, in Spring	2–17	2–17	2–16	3	3	3		3	2–18	2–16	2–14	
" " " " Autumn	3	3	3	3	3	3	3	3	3	3	3	
" " " " Winter	3	3	3	3	3	3	3	3	3	3	3	
Wages of teachers, per month, in Spring	$36	$36	$32	$48	$36	$36		$36	$32	$32	$32	
" " " Autumn	40	36	32	40	36	40	$32	36	32	32	32	
" " " Winter	34	36	32	40	36	40	36	36	32	32	32	

Amount paid for teaching	$4,030.80
Salary of School Committee	302.00
Town of Burlington, tuition	35.00
Amount paid for repairs	92.77
Amount paid for fuel	372.88
Amount paid for care of buildings	202.25
Amount paid for books	467.84
Amount paid for supplies	205.84
Amount paid for teaching music	300.00
Amount received from Carlisle for tuition	22.00

Whole amount of money expended by the Town for Schools in 1889, raised by direct taxation	$6,009.38
Town appropriation for 1889	4,000.00
Income from State School Fund	166.91
Number of persons in town between 5 and 15 years of age	414
Number of persons in town between 8 and 14 years of age	258

WARRANT

FOR THE ANNUAL TOWN MEETING,

To be held March 17, 1890.

COMMONWEALTH OF MASSACHUSETTS, }
MIDDLESEX, S.S. }

To Albert Stearns, Constable of the Town of Billerica.

GREETING:—

You are hereby authorized, and required, to notify and warn the inhabitants of the said Town of Billerica, qualified by law to vote in elections and town affairs, to meet at the Town Hall, in said town, on Monday, the seventeenth day of March, at ten o'clock in the forenoon, to act upon the following articles; viz:—

Article 1. To choose a Moderator to preside at said meeting.

Art. 2. To choose a Clerk for said town for the ensuing year.

Art. 3. To choose a Treasurer for said town for the ensuing year.

Art. 4. To choose a member of the Board of Selectmen for a term of three years.

Art. 5. To choose a Board of Assessors for one year.

Art. 6. To choose a Board of Overseers of the Poor for one year.

Art. 7. To choose a member of the Board of School Committee for a term of three years.

Art. 8. To choose a member of the Bowers' Fund Committee for a term of five years.

Art. 9. To choose one or more Constables for one year.

Art. 10. To hear and act upon the report of the Auditing Committee.

Art. 11. To choose three Auditors of Accounts for one year, and report at the next annual March meeting.

Art. 12. To choose all other necessary Town Officers.

Art. 13. To see what method the Town will adopt for the collection of taxes; and choose a Tax Collector for the ensuing year.

Art. 14. To vote on the following question; viz: Shall licenses be granted for the sale of intoxicating liquors in the Town of Billerica? Yes or No.

Art. 15. To hear and act upon the reports of the Selectmen and other town officers and committees heretofore appointed.

Art. 16. To raise and appropriate such sums of money as may be deemed necessary to defray the Town's expenses for the ensuing year.

Art. 17. To see if the Town will accept the revision of the Jury Box made by the Selectmen, or do anything in relation to the same.

Art. 18. To see what method the Town will adopt for the care of the bridges for the ensuing year.

Art. 19. To see if the Town will accept Chapter 264 of the Statutes of 1886, being an act to provide for Precinct Voting in Towns, or do anything in relation to same.

Art. 20. To see if the Town will exempt from taxation the "Thomas Talbot Memorial Hall," which the family of the late Thomas Talbot propose to erect at North Billerica, or do anything in relation to the same.

Art. 21. To see if the Town will accept the provisions of Chapter 431 of the Acts of 1888, relating to the employment of a Superintendent of Schools, and appropriate money therefor, or do anything in relation to the same.

Art. 22. To see if the Town will raise and appropriate the sum of three thousand dollars for a new steam fire engine and all necessary equipments for the same, for the North Billerica Fire Department, or do anything in relation to the same.

Art. 23. To see if the Town will alter the location of the new road, on what is known as Whiting's Lane, so that the land taken outside of the lane shall be from Dickinson, instead of Whiting.

Art. 24. To see if the Town will raise and appropriate the sum of one hundred dollars for the use of the Veterans on Memorial Day, May 30, 1890.

Art. 25. To see if the Town will accept the private way leading from Sprague's Bridge, so called, to the new Chelmsford road, it

being the tow-path of the old Middlesex Canal formerly, as a public highway, and raise and appropriate money to put said way in order as a town highway, or do anything in relation to the same.

Art. 26. To see if the Town will amend Section 3 of Article 3 of the By-Laws, so as to read: All taxes assessed in each year shall be paid one-half on the first day of October, and one-half on the first day of December in that year; and on all such taxes as shall not be so paid, interest shall be charged at the rate of six per cent. per annum, until changed by vote of the Town pursuant to the Statutes of the Commonwealth; and the Collector shall use all the means and powers provided by law for the collection of all taxes remaining unpaid after the above dates, or do anything in relation to the same.

Art. 27. To see if the Town will purchase a suitable lot of land in Billerica Centre, as a site for a building for school purposes, in anticipation of future needs in providing for additional school facilities, or do anything in relation to the same.

Art. 28. To see if the Town will authorize its Treasurer to borrow money for the current expenses, or the payment of any part of the Town debt which may be called for, in anticipation of the payment of taxes if necessary.

Art. 29. To hear the report of the Committee on Fire Apparatus, and take action upon the same.

And you are to serve this warrant by posting attested copies thereof; one copy at the Town Hall, and one copy in each of the post offices of the Town, and one copy in each of the porches or vestibules of the several churches in Town, at least eight days before said meeting. Hereof fail not, and make return of this warrant, with your doings thereon, at the time and place of said meeting.

Given under our hands this sixth day of March, in the year of our Lord eighteen hundred and ninety.

EBENEZER BAKER,
COBURN S. SMITH,
GEORGE F. COLSON.
Selectmen of Billerica.